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January 20, 2006

To: Assistant Commissioner for Patents FAX # (571) 273-8300
Washington, D.C. 20231

Attention: Examiner Galen L. Barefoot
Group Art Unit 3644
Phone Number: (571) 272-6898

Re: OFFICIAL RESPONSE UNDER 37 CFR §1.111

The following is a(n) 22 - page OFFICIAL RESPONSE to an Office Action filed on October 20, 2005, in the below-identified U.S. Patent Application.

Application No. : 10/710,004 Confirmation No. **4003**
Applicant : Peter J. Schubert
Filed: : June 11, 2004
TC/Art Unit: : 3644
Examiner : Galen L. Barefoot

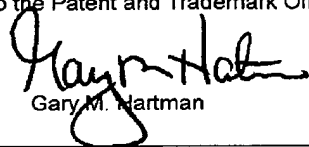
Docket No. : A4-1787

Submitted by:
Gary M. Hartman
Reg. No. 33,898

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to the Patent and Trademark Office on the date shown below.
Gary M. Hartman

Date: January 20, 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/710,004 Confirmation No. **4003**
Applicant : Peter J. Schubert
Filed: : June 11, 2004
TC/Art Unit: : 3644
Examiner : Galen L. Barefoot

Docket No. : A4-1787
Customer No. : 27127

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

AMENDMENT UNDER 37 CFR §1.111

This paper is being filed in response to an Office Action dated
October 20, 2005 (Paper No. 20051017).

Please charge the additional claim fee incurred with the filing of this
response to the deposit account of Hartman & Hartman, P.C., Account No. 08-
0960, in accordance with the attached Fee Transmittal form.

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Amendments to the Claims:	Starting on Page 2
Remarks:	Starting on Page 14
Attachment:	Following Page 21
Fee Transmittal	

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PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 125.00**Complete if Known**

Application Number	10/710,004
Filing Date	06/11/2004
First Named Inventor	Peter J. Schubert
Examiner Name	Galen L. Barefoot
Art Unit	3644
Attorney Docket No.	A4-1787

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: **08-0960** Deposit Account Name: **Hartman & Hartman, PC**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues) _____

Each independent claim over 3 (including Reissues) _____

Multiple dependent claims _____

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
38 - 20 or HP =	5	25	125

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
3 - 3 or HP =	0	100	0

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 =	_____	_____ / 50 =	_____ (round up to a whole number) x	_____ =

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

Fees Paid (\$)**SUBMITTED BY**

Signature		Registration No. 33,898 (Attorney/Agent)	Telephone (219) 462-4999
Name (Print/Type)	Gary M. Hartman	Date	January 20, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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